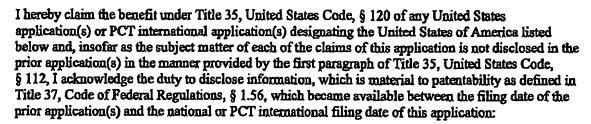
Attorney Docket No.: M 8915 1C US

## DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

| I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled   |   |                                    |                  |    |  |
|---|---|------------------------------------|------------------|----|--|
| Quantum   | Bit with a Multi-Termin   | nal Junction and Loop with a Pha   | se Shift         |    |  |
| which (check)  is attached hereto.  and is amended by the Preliminary Amendment attached hereto.  was filed on April 20, 2001 as Application Serial No. 09/839,991  and was amended on (if applicable).   |   |                                    |                  |    |  |
|   | I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. |                                    |                  |    |  |
| I acknowledge the duty<br>Title 37, Code of Feder   |   | which is material to patentability | / as defined     | in |  |
| I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:  INCLUDE PRIOR FOREIGN APPLICATION IF APPLICABLE |   |                                    |                  |    |  |
|   | Prior Foreign Application(s)  |                                    | Priority Claimed |    |  |
| Number  | Country   | Day/Month/Year Filed               | Yes              | No |  |
| N/A   |   |                                    |                  |    |  |
| I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:  INCLUDE PROVISIONAL APPLICATION NUMBER IF APPLICABLE   |   |                                    |                  |    |  |
| Provisional Application Number Filing Date  |   |                                    |                  |    |  |
| N/A   |   |                                    |                  |    |  |
|   |   |                                    |                  |    |  |



| Application Serial No. | Filing Date | Status (patented, pending, abandoned) |
|------------------------|-------------|---------------------------------------|
| N/A                    |             |                                       |

I hereby appoint the following practitioners to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

**Customer Number 24251** 



Please address all correspondence and telephone calls to:

Full name of first joint inventor;

Post Office Address:

Gary J. Edwards
SKJERVEN MORRILL MacPHERSON LLP

25 Metro Drive, Suite 700 San Jose, California 95110-1349

Telephone: 40

408-453-9200

Pacsimile:

408-453-7979

I declare that all statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and all statements made herein are made with the knowledge that whoever, in any matter within the jurisdiction of the Patent and Trademark Office, knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be subject to the penalties including fine or imprisonment or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, trademark registration, or certificate resulting therefrom.

| Inventor's Signature:    | Matin        | <b>`</b> _    | Date:        | Sep. 2, 20 | + <i>1</i> |
|--------------------------|--------------|---------------|--------------|------------|------------|
| Residence: 305 - 14      | 65 W. 12th   | AVE., I ANCOW | er, Bc       | V6H IM7    |            |
| Post Office Address:     | same         |               | Citizenship: | Canadian   |            |
| Full name of second joir | nt inventor: | Timothy Duty  |              |            |            |
| Inventor's Signature:    | 2n= (/       | 910           | Date:        | August 27  | 2001       |
| Residence: #902 - 1      | 340 W. 1212  |               | R BC CA      |            |            |

Mohammad H.S. Amin

Citizenship:

| Full name of third joint inventor:                                  | Alexander Omelyane |              | C            | 2 2001 |
|---|--------------------|--------------|--------------|--------|
| Inventor's Signature:   |                    | Date:        | Jup. 2       | , 2001 |
| Residence: 61142 Garball: Prost Office Address:                     | e, 7A apt.12       | : Khank      | or Ukr       | aine   |
| Post Office Address:  | •                  | Citizenship: | UEIGHN       | IAN    |
| Full name of fourth joint inventor:                                 | Geordie Rose       |              |              |        |
| Inventor's Signature:   |                    | Date:        | 001          | 10,200 |
| Residence: 114-1424 Watwar 57                                       | r vancouver,       | BC V6J       | 3 <b>2</b> 3 |        |
| Post Office Address: Saue -   |                    | Citizenship: |              | IAN    |
| Full name of fifth joint inventor: Inventor's Signature:            | Alexandre Zagoskin | Date:        | Oct. 0.      | 9      |
| Post Office Address: Sauce  | Vancouver, BC      | Citizenship: | Canad        | lian   |
| Full name of sixth joint inventor: Inventor's Signature: Residence: | Alexandre Blais    | Date:        |              | ·      |
| Post Office Address   |                    | Citizenshin: |              |        |

741234 v1

Atto ney Docket No.: M 8915 IC US

## DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name i listed below) or an original, first and joint inventor (if plural names are listed below) of subject mutter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

| patent is sought by way of the application entitled  |  |  |  |  |
|--|--|--|--|--|
| Quantum Bit with a Multi-Terminal Junction and Loop with a Phase Shift   |  |  |  |  |
| which (check)  is attached hereto.  and is amended by the Preliminary Amend nen  was filed on April 20, 2001 as Application Seri  and was amended on (if applicable).  | t attached hereto.<br>ial No. 09/839,991 |  |  |  |
| I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to abo e.  |  |  |  |  |
| I acknowledge the duty to disclose information, which is material to pate Title 37, Code of Federal Regulations, § 1.56.   | entability as defined in                 |  |  |  |
| I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or any PCT internat onal application(s) designating least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any ICT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) owhich priority is claimed:  |  |  |  |  |
| Prior Foreign Application(s)   | Priority Claimed                         |  |  |  |
| Number Country Day/Month/Ye r Fi   | led Yes No                               |  |  |  |
| N/A  |  |  |  |  |
| I hereby claim the benefit under Title 35, United States Code, § 119 e) of any United States provisional application(s) listed below:  |  |  |  |  |
| Provisional Application Number Fil   | ling Date                                |  |  |  |
| N/A  |  |  |  |  |
| I hereby claim the benefit under Titlé 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the U ited States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is may rial to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application: |  |  |  |  |
|  |  |  |  |  |
| Application Serial No. Filing Date Statu (pa   | tented, pending, abandoned)              |  |  |  |

I hereby appoint the following practitioners to prosecute this applica on and to transact all business in the United States Patent and Trademark Office connected therewith:

**Customer Number 24251** 



Please address all correspondence and telephone calls to:

## Gary J. Edwards SKJERVEN MORRILL MacPHERSC V LLP 25 Metro Drive, Suite 700 San Jose, California 95110-1349

Telephone:

408-453-9200

Pacsimile:

408-453-7979

I declare that all statements made herein of my own knowledge are t ue, all statements made herein on information and belief are believed to be true, and all statements may e herein are made with the knowledge that whoever, in any matter within the jurisdiction of the Patent and Trademark Office, knowingly and willfully falsifies, conceals, or covers up by any trick scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fic itious or fraudulent statement or entry, shall be subject to the penalties including fine or imprisonmer or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, tradem ark registration, or certificate resulting therefrom.

| Full name of first joint inventor:  | Mohammad H.S. Ami   |               |          |
|-------------------------------------|---------------------|---------------|----------|
| Inventor's Signature:               |                     | l-ate:        |          |
| Residence:                          |                     |               |          |
| Post Office Address:                | (                   | ( itizenship: | Canadian |
| Full name of second joint inventor: | Timothy Duty        |               |          |
| Inventor's Signature:               | 1                   | late:         |          |
| Residence:                          |                     |               |          |
| Post Office Address:                | •                   | itizenship:   |          |
| Full name of third joint inventor:  | Alexander Omelyanci | ł ouk         |          |
| Inventor's Signature:               | •                   | ate:          |          |
| Residence:                          |                     |               |          |
| Post Office Address:                |                     | itizenship:   |          |

| Full name of fourth joint inventor: Inventor's Signature: | Geordie Rose       | I ue:         |               |
|---|--------------------|---------------|---------------|
| Residence:  |                    |               |               |
| Post Office Address:                                      |                    | C .tizenship: |               |
| Full name of fifth joint inventor:                        | Alexandre Zagoskin |               |               |
| Inventor's Signature:                                     |                    | I ate:        |               |
| Residence:  |                    |               |               |
| Post Office Address:                                      |                    | C itizenship: |               |
| Full name of sixth joint inventor:                        | Alexandre Blais    |               |               |
| Inventor's Signature: Alexande Plans                      |                    | I ate:        | oct. 10, 2001 |
| Residence: 1413 Lafleche, She-bro.                        | over, while, con   | ro da, JIK    | 279           |
| Post Office Address                                       |                    | (itizenship:  | Canaclian     |

741234 vi